

UNCLASSIFIED

RDT&E BUDGET ITEM JUSTIFICATION SHEET (R-2 Exhibit)								DATE February 2000	
BUDGET ACTIVITY 06 - Management and Support				PE NUMBER AND TITLE 0605854F Pollution Prevention				PROJECT 661007	
COST (\$ in Thousands)	FY 1999 Actual	FY 2000 Estimate	FY 2001 Estimate	FY 2002 Estimate	FY 2003 Estimate	FY 2004 Estimate	FY 2005 Estimate	Cost to Complete	Total Cost
661007 Pollution Prevention	4,956	2,498	0	0	0	0	0	Continuing	TBD
Quantity of RDT&E Articles	0	0	0	0	0	0	0	0	0

All funds were transferred from PE 65854F, Budget Activity 6 (Management & Support) to PE 63859F, Budget Activity 4 (Demonstration and Validation) beginning in FY01 to reflect the primary purpose of the funding profile.

(U) **A. Mission Description**

Beginning in FY99, all funds for Test Facility base operations support (RDT&E) were transferred to operations and maintenance. Remaining RDT&E funds were for development and test efforts to validate and qualify environmentally acceptable materials and processes to replace existing common hazardous materials and processes, cross-cutting weapons systems pollution prevention tools, and management and support costs in direct support of development efforts to meet compliance problems.

FY00 funds target efforts that demonstrate and validate alternate aircraft painting/depainting, maintenance processes which reduce the compliance burden associated with National Emissions Standard for Hazardous Air Pollutants (NESHAP), Clean Air Act and other environmental requirements. Specifically, funds will target pollution prevention technologies, including replacement of chromate conversion coating on aluminum and magnesium based metals, nonchromated primers to replace zinc chromate, and environmentally safe replacement for cadmium plating.

(U) **FY 1999 (\$ in Thousands)**

(U) \$294	Resource Conservation and Recovery Act (RCRA) Subtitle C - Hazardous Waste
(U) \$75	Resource Conservation and Recovery Act (RCRA) Subtitle D - Solid Waste
(U) \$294	Clean Air Act
(U) \$100	Clean Water Act
(U) \$621	Hazardous Material Reduction
(U) \$223	Other
(U) \$3,349	Dem/Val of Advanced Low Pollution Coating Technologies
(U) \$4,956	Total

Project 661007
Page 1 of 3 Pages
Exhibit R-2 (PE 0605854F)

UNCLASSIFIED

RDT&E BUDGET ITEM JUSTIFICATION SHEET (R-2 Exhibit)		DATE February 2000
BUDGET ACTIVITY 06 - Management and Support	PE NUMBER AND TITLE 0605854F Pollution Prevention	PROJECT 661007

(U) **A. Mission Description Continued**

(U) FY 2000 (\$ in Thousands)

(U) \$505	Resource Conservation and Recovery Act (RCRA) Subtitle C - Hazardous Waste
(U) \$100	Resource Conservation and Recovery Act (RCRA) Subtitle D - Solid Waste
(U) \$899	Clean Air Act
(U) \$235	Clean Water Act
(U) \$549	Hazardous Material Reduction
(U) \$210	Other
(U) \$2,498	Total

(U) FY 2001 (\$ in Thousands)

(U) \$0	No Activity
(U) \$0	Total

(U) **B. Budget Activity Justification**

This program is in Budget Activity (BA) 6, Management and Support, because the majority of funding is directed toward support of test facilities required for general research and development use. Beginning in FY99, all O&M funds for test facility operations were transferred to O&M accounts. Action to change to BA 4, Demonstration and Validation, is complete and all remaining funds in this account were transferred to PE 63859F in FY01, as they are primarily for RDT&E Dem/Val of pollution prevention technologies.

(U) **C. Program Change Summary (\$ in Thousands)**

	<u>FY 1999</u>	<u>FY 2000</u>	<u>FY 2001</u>	<u>Total Cost</u>
(U) Previous President's Budget (FY 2000 PBR)	5,144	2,553		
(U) Appropriated Value	5,173	2,553		
(U) Adjustments to Appropriated Value				
a. Congressional/General Reductions	-29	-1		
b. Small Business Innovative Research	-160			
c. Omnibus or Other Above Threshold Reprogram		-38		
d. Below Threshold Reprogram				
e. Rescissions	-28	-16		
f. Other				
(U) Adjustments to Budget Years Since FY 2000 PBR		0		

Project 661007
Page 2 of 3 Pages
Exhibit R-2 (PE 0605854F)

UNCLASSIFIED

RDT&E BUDGET ITEM JUSTIFICATION SHEET (R-2 Exhibit)							DATE February 2000																																																																																																																																																												
BUDGET ACTIVITY				PE NUMBER AND TITLE			PROJECT																																																																																																																																																												
06 - Management and Support				0605854F Pollution Prevention			661007																																																																																																																																																												
<p>(U) <u>C. Program Change Summary (\$ in Thousands) Continued</u></p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th style="text-align: center;"><u>FY 1999</u></th> <th style="text-align: center;"><u>FY 2000</u></th> <th style="text-align: center;"><u>FY 2001</u></th> <th style="text-align: center;"><u>Total Cost</u></th> </tr> </thead> <tbody> <tr> <td>(U) Current Budget Submit/FY 2001 PBR</td> <td style="text-align: center;">4,956</td> <td style="text-align: center;">2,498</td> <td></td> <td style="text-align: center;">TBD</td> </tr> <tr> <td colspan="5">(U) <u>Significant Program Changes:</u></td> </tr> </tbody> </table> <p>(U) <u>D. Other Program Funding Summary (\$ in Thousands)</u></p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th style="text-align: center;"><u>FY 1999</u></th> <th style="text-align: center;"><u>FY 2000</u></th> <th style="text-align: center;"><u>FY 2001</u></th> <th style="text-align: center;"><u>FY 2002</u></th> <th style="text-align: center;"><u>FY 2003</u></th> <th style="text-align: center;"><u>FY 2004</u></th> <th style="text-align: center;"><u>FY 2005</u></th> <th style="text-align: center;"><u>Cost to</u></th> <th style="text-align: center;"><u>Total Cost</u></th> </tr> <tr> <th></th> <th style="text-align: center;"><u>Actual</u></th> <th style="text-align: center;"><u>Estimate</u></th> <th style="text-align: center;"><u>Estimate</u></th> <th style="text-align: center;"><u>Estimate</u></th> <th style="text-align: center;"><u>Estimate</u></th> <th style="text-align: center;"><u>Estimate</u></th> <th style="text-align: center;"><u>Estimate</u></th> <th style="text-align: center;"><u>Complete</u></th> <th></th> </tr> </thead> <tbody> <tr> <td>(U) AF RDT&E</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td style="text-align: center;">TBD</td> </tr> <tr> <td>(U) Other APPN</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td colspan="10">(U) Not Applicable</td> </tr> <tr> <td colspan="10">(U) <u>E. Acquisition Strategy</u></td> </tr> <tr> <td colspan="10">(U) Not applicable</td> </tr> <tr> <td colspan="10">(U) <u>F. Schedule Profile</u></td> </tr> <tr> <td></td> <td colspan="2" style="text-align: center;"><u>FY 1999</u></td> <td></td> <td colspan="2" style="text-align: center;"><u>FY 2000</u></td> <td></td> <td colspan="2" style="text-align: center;"><u>FY 2001</u></td> <td></td> </tr> <tr> <td></td> <td style="text-align: center;">1</td> <td style="text-align: center;">2 3</td> <td style="text-align: center;">4</td> <td style="text-align: center;">1</td> <td style="text-align: center;">2 3</td> <td style="text-align: center;">4</td> <td style="text-align: center;">1</td> <td style="text-align: center;">2 3</td> <td style="text-align: center;">4</td> </tr> <tr> <td>(U) Contract Award of ALPCT Efforts</td> <td></td> <td></td> <td style="text-align: center;">*</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>(U) Prototype Development</td> <td></td> <td></td> <td></td> <td style="text-align: center;">X</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>(U) Demonstration/Validation</td> <td></td> <td></td> <td></td> <td></td> <td style="text-align: center;">X</td> <td style="text-align: center;">X</td> <td></td> <td></td> <td></td> </tr> <tr> <td>(U) Contract Completion</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td style="text-align: center;">X</td> <td></td> <td></td> </tr> </tbody> </table>										<u>FY 1999</u>	<u>FY 2000</u>	<u>FY 2001</u>	<u>Total Cost</u>	(U) Current Budget Submit/FY 2001 PBR	4,956	2,498		TBD	(U) <u>Significant Program Changes:</u>						<u>FY 1999</u>	<u>FY 2000</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	<u>FY 2005</u>	<u>Cost to</u>	<u>Total Cost</u>		<u>Actual</u>	<u>Estimate</u>	<u>Estimate</u>	<u>Estimate</u>	<u>Estimate</u>	<u>Estimate</u>	<u>Estimate</u>	<u>Complete</u>		(U) AF RDT&E									TBD	(U) Other APPN										(U) Not Applicable										(U) <u>E. Acquisition Strategy</u>										(U) Not applicable										(U) <u>F. Schedule Profile</u>											<u>FY 1999</u>			<u>FY 2000</u>			<u>FY 2001</u>				1	2 3	4	1	2 3	4	1	2 3	4	(U) Contract Award of ALPCT Efforts			*							(U) Prototype Development				X						(U) Demonstration/Validation					X	X				(U) Contract Completion							X		
	<u>FY 1999</u>	<u>FY 2000</u>	<u>FY 2001</u>	<u>Total Cost</u>																																																																																																																																																															
(U) Current Budget Submit/FY 2001 PBR	4,956	2,498		TBD																																																																																																																																																															
(U) <u>Significant Program Changes:</u>																																																																																																																																																																			
	<u>FY 1999</u>	<u>FY 2000</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	<u>FY 2005</u>	<u>Cost to</u>	<u>Total Cost</u>																																																																																																																																																										
	<u>Actual</u>	<u>Estimate</u>	<u>Estimate</u>	<u>Estimate</u>	<u>Estimate</u>	<u>Estimate</u>	<u>Estimate</u>	<u>Complete</u>																																																																																																																																																											
(U) AF RDT&E									TBD																																																																																																																																																										
(U) Other APPN																																																																																																																																																																			
(U) Not Applicable																																																																																																																																																																			
(U) <u>E. Acquisition Strategy</u>																																																																																																																																																																			
(U) Not applicable																																																																																																																																																																			
(U) <u>F. Schedule Profile</u>																																																																																																																																																																			
	<u>FY 1999</u>			<u>FY 2000</u>			<u>FY 2001</u>																																																																																																																																																												
	1	2 3	4	1	2 3	4	1	2 3	4																																																																																																																																																										
(U) Contract Award of ALPCT Efforts			*																																																																																																																																																																
(U) Prototype Development				X																																																																																																																																																															
(U) Demonstration/Validation					X	X																																																																																																																																																													
(U) Contract Completion							X																																																																																																																																																												
Project 661007				Page 3 of 3 Pages			Exhibit R-2 (PE 0605854F)																																																																																																																																																												